## **CLAIMS**

## What is claimed is:

1	1.	A modular water flow system for an aquarium comprising:	
2		a pump;	
3		a water intake system having at least one inlet wherein the intake	
4	system pulls	water in through the inlet due to a propulsive force created by the	
5	pump;		
3		a water return system having at least one outlet wherein the return	
7	system permits the water to return to the aquarium from the outlet; and		
3		at least one valve assembly to manage at least one of the water return	
9	system and the water intake system to regulate a flow rate.		
1	2.	The modular water flow system of claim 1, wherein the water intake	
2	system, the	water return system, and the at least one valve assembly are coupled by	
3	at least one	connecting piece.	
1	3.	The modular water flow system of claim 2, wherein the at least one	
2	connecting piece further comprises at least one of the following:		
3		a coupling bracket;	
1		a tee bracket; and	
5		an elbow bracket.	
1	4.	The modular water flow system of claim 2, wherein the at least one	
2	connecting p	piece is coupled to an attachment mechanism.	
1	5.	The modular water flow system of claim 4, wherein the attachment	
2	mechanism i	is a suction cup.	
1	6.	The modular water flow system of claim 1 further comprising an	
2	overwall assembly unit which couples an interior portion of the modular water flow		
3	system to an exterior portion of the modular water flow system via a link.		

1 7. The modular water flow system of claim 6 wherein the link comprises 2 an inlet port and an outlet port. 1 8. The modular water flow system of claim 7, wherein the inlet port is 2 rotatably coupled to the exterior portion of the modular water flow system. 1 9. The modular water flow system of claim 7, wherein the outlet port is 2 rotatably coupled to the interior portion of the modular water flow system. 1 10. The modular water flow system of claim 1 wherein the valve assembly 2 further comprises: 3 one or more opening; and 4 a regulator which regulates the rate at which the water returns. 11. 1 The modular water flow system of claim 10, wherein the regulator 2 further comprises an adjustment mechanism to alter the rate at which the water 3 returns. 1 12. The modular water flow system of claim 10 further comprising at least 2 one cap which can seal at least one of the one or more openings. 1 13. The modular water flow system of claim 1 wherein the at least one 2 valve assembly further comprises at least one attachment that fastens to the at least 3 one opening. 1 14. The modular water flow system of claim 13 wherein the at least one 2 attachment includes at least one of: 3 a hydrojet; and 4 a ball/socket assembly. 1 15. The modular water flow system of claim 14, wherein the ball/socket assembly comprises a number of interlocking balls and sockets that can be rotated 2

in at least one direction to allow customizability in water flow pattern.

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1	, 16.	The modular water flow system of claim 1, wherein the water return	
2	system further comprises at least one spray bar having at least one aperture.		
1	17.	The modular water flow system of claim 1, further comprising at least	
2	one pipe coi	nnected on each end by at least one connecting piece and located	
3	between the water intake system and the water return system.		
1	18.	A modular water flow system for an aquarium comprising:	
2		water intake means;	
3		water return means; and	
4		means for adjusting water return rate.	
1	19.	The modular water flow system of claim 18, further comprising:	
2		a means for removing water from an interior portion of an aquarium to	
3	an exterior portion of the aquarium;		
4		a means for returning water to the interior portion of the aquarium from	
5	the exterior portion of the aquarium;		
6		a connection means for coupling the interior portion to the exterior	
7	portion of the aquarium.		
1	20.	The modular water flow system of claim 19, further comprising means	
2	for swiveling	the connection means to facilitate positioning of the system.	
1	21.	An overwall assembly unit comprising:	
2		an interior portion through which water can travel;	
3		an exterior portion through which water can travel;	
4		a link through which water can travel;	
5		the exterior portion being rotatably coupled to the interior portion via	
6	the link;		
7		the link further comprises an inlet port that the interior portion can be	
8	rotatably coupled thereto; and		
9		the link further comprises an outlet port that the exterior portion can be	

rotatably coupled thereto.

1	22.	At least one valve assembly to manage at least one of a water return	
2	system and	a water intake system to regulate a flow rate comprising:	
3		at least one opening; and	
4		a regulator which regulates the flow rate.	
1	23.	The at least one valve assembly of claim 22, wherein the regulator	
2	further comp	orises an adjustment mechanism to alter the flow rate.	
1	24.	The at least one valve assembly of claim 22, further comprising at least	
2	one cap whi	ch can seal at least one of the openings.	
1	25.	The at least one valve assembly of claim 22, further comprising at least	
2	one attachment that fastens to at least one of the openings.		
1	26.	The at least one valve assembly of claim 25 wherein the at least one	
2	attachment includes at least one of:		
3		a hydrojet; and	
4		a ball/socket assembly.	
1	27.	The at least one valve assembly of claim 26, wherein the ball/socket	
2	assembly co	omprises a number of interlocking balls and sockets that can be rotated	
3	in at least one direction to allow customizability in water flow pattern.		
1	28.	A kit for assembly of a modular water flow system for an aquarium	
2	comprising:		
3		a water intake system having at least one inlet adapted to pull water in	
4	through the	inlet due to a propulsive force;	
5		a water return system having at least one outlet adapted to permit the	
6	water to return to the aquarium from the outlet;		
7		at least one valve assembly connectable to manage at least one of the	
8	water return system and the water intake system to regulate a flow rate;		
9		at least one connecting piece; and	
10		at least one pipe;	

wherein the at least one connecting piece, the water intake system, the water return system, the valve assembly, and the pipe can be interchangeably connected in a modular way to allow the kit to be set up to create a water flow pattern as desired by an aquarist.

The kit for assembly of a modular water flow system for an aquarium of claim 28 further comprising at least one overwall assembly unit wherein the overwall assembly unit can be interchangeably connected in a modular way to the water intake system, the water return system, the valve assembly, the connecting piece, and the pipe.